

Art Unit: 2800

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1. Device (ADSL_MODEM2) having Ethernet interfacing capability and ATMForum Interfacing capability,

CHARACTERISED IN THAT said device (ADSL_MODEM2) is equipped with a single connector (ETH/ATMF_CON) comprising four pairs of pins (P1, P2, P3, P4) able to interface with an Ethernet plug and to interface with an ATMForum plug.

2. Device (ADSL_MODEM2) according to claim 1,

CHARACTERISED IN THAT said device further comprises an Ethernet driver (ETH_DRV) with an output coupled to a first pair of pins (P1), an ATMForum driver (ATMF_DRV) with an output coupled to a second pair of pins (P2), and a receiver (RX) with an input coupled to a third pair of pins (P3).

3. Device (ADSL_MODEM2) according to claim 2,

CHARACTERISED IN THAT said device further comprises detector means (DET), coupled to said receiver (RX) and able to discriminate a received Ethernet signal from a received ATMForum signal.

4. Device (ADSL_MODEM2) according to claim 3,

CHARACTERISED IN THAT said device further comprises Ethernet driver activating means (ETH_ACT), coupled between an output of said detector means (DET) and a control input of said Ethernet driver (ETH_DRV), said Ethernet driver activating means (ETH_ACT) being adapted to activate said Ethernet driver (ETH_DRV), and ATMForum driver activating means (ATMF_ACT), coupled between an output of said detector means (DET) and a control input of said ATMForum driver

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5. (Amended)Device (ADSL MODEM2) according to claim 1,
CHARACTERISED IN THAT said device is an Asymmetric Digital Subscriber
Line (ADSL) modem.

6. (Amended)Device according to claim 1,
CHARACTERISED IN THAT said device is a Very High Speed Digital
Subscriber Line (VDSL) modem.

7. (Amended)Device according to claim 1,
CHARACTERISED IN THAT said device is an Integrated Services Digital
Network (ISDN) modem.

8. (Amended)Device according to claim 1,
CHARACTERISED IN THAT said device is a test apparatus.